

Professor in Human Mobility

Company:

DTU, The Technical University of Denmark

Location:

Denmark / Kongens Lyngby

Discipline:

Human Mobility

Employment Type:

Permanent Full-time

Posted:

02/09/2025

Contact Person:

If you wish to apply for this position, please specify that you saw it on AKADEUS.

Professor in Human Mobility - DTU Management

We are pleased to announce an opportunity for a distinguished scholar to join the Technical University of Denmark (DTU) as a Full Processor (Chair) and Head of a Section within the Transportation Science Division, at the Department of Technology, Management and Economics – in short DTU Management.

The position offers a unique platform to conduct pioneering research in Human Mobility while joining DTU's broader ecosystem of technological knowledge and innovation with the transportation sector.

The new professor will be chairing the research in human mobility and take leadership in building a group within this field and setting the academic course for the group. The department is committed to supporting this development over the coming years with significant investments. In addition to the full professorship, two new faculty positions will be added to the section (group) awaiting the new chair.

The Transportation Science Division has a strong domain knowledge of the transport sector and mobility, and is, with its broad coverage of disciplines, an internationally outstanding unit in the field of transportation science. We deliver ground-breaking fundamental research as well as research-based insights and tools for policymakers and industry professionals.

The overarching focus is the importance of understanding human mobility and behaviour

when planning and operating transportation systems and formulating policies and regulations. Human behaviour is embedded in our research on transport systems and mobility prediction models. Our research creates a foundation for policy support related to a variety of challenges in the sector, such as the green transition, mobility for all user groups, congestion and challenged land use particularly in large cities; equity, safety, and risk; and derived negative externalities of transport.

The division is interdisciplinary with scholars originating from transportation engineering, economics, psychology, computer science, social data science, machine learning, mathematics, and statistics.

Responsibilities and qualifications

We seek a professor that can build up a strong research team to advance the research and practice on human mobility, including better understanding of behaviour, preferences, and choices. The successful candidate is expected to shape and develop the profile and research agenda on the topic. Over the coming years, significant impact and external funding must be secured – and as part of that, collaboration with international academia, society, as well as technical groups across DTU, is awaited.

The new professor has a strong proven track record in research at an international level. We expect the candidate to exhibit academic leadership, attract grants, strengthen research-based advice, and build a fruitful environment based on the professorship. Particular focus will be on our public sector support and societal impact.

You will bring the following:

- PhD in a relevant topic and discipline related to human mobility, e.g. from Social Data Science, Network Science, Transportation Science, Economics, Geography, Physics, or Computer Science
- Experience from various application areas within the mobility and/or transport domain, and a strong list of publications in these areas
- Experience with or interest in scientific advice and public sector consultancy
- A solid international stakeholder network within and beyond academia
- An ambition to push boundaries and define future research agendas solving societal challenges
- Solid track record in teaching as well as development course portfolios and educations in the field

You are expected to take a role in teaching at e.g. BSc, MSc, PhD, and executive level. Candidates must be enthusiastic about teaching and interacting with students at different levels and should have had successfully supervised thesis and research projects at different levels.

DTU employs two working languages: Danish and English. You are expected to be fluent in at least one of these languages, and in time are expected to master both.

You will be assessed against the responsibilities and qualifications stated above and the following general criteria:

- Documented experience and quality of teaching and curriculum development
- Research impact and experience, funding track record and research vision
- International impact and experience
- Societal impact
- Innovativeness, including commercialization and collaboration with industry
- Leadership, collaboration, and interdisciplinary skills
- Communication skills

Salary and terms of employment

The appointment will be based on the collective agreement with the Danish Confederation of Professional Associations. The allowance will be agreed upon with the relevant union.

Starting date according to mutual agreement. The position is a full-time position.

Further information

Further information may be obtained from Head of Department Mette Wier, tel.: +45 6060 5566 - email: mwier@dtu.dk or Head of Division in Transport Science Otto Anker Nielsen, tel.: +45 4525 1514 - email: oani@dtu.dk.

You can read more about the Department at our website [DTU Management](#).

If you are applying from abroad, you may find useful information on working in Denmark and at DTU at [DTU – Moving to Denmark](#).

Application procedure

Your complete online application must be submitted no later than **30 October 2025 (23:59 Danish time)**. Apply online here: [Professor in Human Mobility](#)

Applications must be submitted as **one PDF file** containing all materials to be given consideration. To apply, please open the link "Apply now", fill out the online application form, and attach **all your materials in English in one PDF file**. The file must include:

- Application (cover letter) addressed to the President
- Vision for teaching and research
- CV including employment history, list of publications indicating scientific highlights,

H-index and ORCID (see <http://orcid.org/>)

- [Teaching portfolio](#) including documentation of teaching experience
- Academic Diplomas (MSc/PhD)

You can learn more about the recruitment process [here](#).

Applications received after the deadline will not be considered.

All interested candidates irrespective of age, gender, disability, race, religion or ethnic background are encouraged to apply. As DTU works with research in critical technology, which is subject to special rules for security and export control, open-source background checks may be conducted on qualified candidates for the position.

About us

DTU Management conducts excellent research at the intersection of management, technology and economics. We develop solutions in close cooperation with companies and public authorities. Our research aims at strengthening welfare, productivity, and sustainability. A key element is the role of technology and its interaction with industry and individuals. The department offers a wide range of courses and programs at bachelor, master and PhD levels across DTU's study programs. The department has 250+ employees with around half of the staff coming from abroad.

Technology for people

DTU develops technology for people. With our international elite research and study programmes, we are helping to create a better world and to solve the global challenges formulated in the UN's 17 Sustainable Development Goals. Hans Christian Ørsted founded DTU in 1829 with a clear mission to develop and create value using science and engineering to benefit society. That mission lives on today. DTU has 13,500 students and 6,000 employees. We work in an international atmosphere and have an inclusive, evolving, and informal working environment. DTU has campuses in all parts of Denmark and in Greenland, and we collaborate with the best universities around the world.

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